

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20060275157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 15:45
S1	1541	417/415	US-PGPUB; USPAT	OR	ON	2008/01/03 10:47
S2	9	"6217287"	US-PGPUB; USPAT	OR	ON	2008/01/03 11:48
S3	7	("20030049136" "20040241013" "4479419" "5951261" "6217287" "6619926" "6953324").PN. OR ("7100743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:50
S4	83	("1556912" "1557222" "1565819" "1814154" "1867198" "1946559" "2035096" "2528764" "2561786" "2592237" "2612839" "2780334" "2873003" "2892360" "2943782" "3010339" "3022741" "3174436" "3180178" "3259307" "3360952" "3417628" "3470823" "3522998" "3545220" "3701350" "3738230" "3985473" "4031778" "4143995" "4236874" "4245966" "4479419" "4494447" "4682532" "4756202" "4830589" "5190263" "5199857" "5281110" "5366355" "5577390").PN. OR ("5951261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:52
S5	2	("5971724").URPN.	USPAT	OR	ON	2008/01/03 12:20
S6	679	417/902	USPAT	OR	ON	2008/01/03 12:29
S7	69	("0583962" "1427205" "1764465" "2130349" "2178425" "2246273" "2583583" "2669384" "2905510" "2926972" "3049285" "3194490" "3253776" "3334808" "3403846" "3499600" "3674382" "3692435" "3767013" "3781138" "3804202" "3848702" "4174927" "4236879" "4403927" "4406594" "4568256" "4575320" "4607503" "4702682" "4704076" "4717316" "4724928" "4762477" "5007808" "5022146" "5087170" "5445504" "5533875" "5551852" "5586876" "5660539" "5716202" "5795140" "5865607" "5884727" "5947709" "6012911" "6012922" "6171076" "6312233" "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31

S8	69	("0583962" "1427205" "1764465" "2130349" "2178425" "2246273" "2583583" "2669384" "2905510" "2926972" "3049285" "3194490" "3253776" "3334808" "3403846" "3499600" "3674382" "3692435" "3767013" "3781138" "3804202" "3848702" "4174927" "4236879" "4403927" "4406594" "4568256" "4575320" "4607503" "4702682" "4704076" "4717316" "4724928" "4762477" "5007808" "5022146" "5087170" "5445504" "5533875" "5551852" "5586876" "5660539" "5716202" "5795140" "5865607" "5884727" "5947709" "6012911" "6012922" "6171076" "6312233" "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S9	69	("0583962" "1427205" "1764465" "2130349" "2178425" "2246273" "2583583" "2669384" "2905510" "2926972" "3049285" "3194490" "3253776" "3334808" "3403846" "3499600" "3674382" "3692435" "3767013" "3781138" "3804202" "3848702" "4174927" "4236879" "4403927" "4406594" "4568256" "4575320" "4607503" "4702682" "4704076" "4717316" "4724928" "4762477" "5007808" "5022146" "5087170" "5445504" "5533875" "5551852" "5586876" "5660539" "5716202" "5795140" "5865607" "5884727" "5947709" "6012911" "6012922" "6171076" "6312233" "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S10	10	("3049285" "3674382" "3767013" "3848702").PN. OR ("5884727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:34
S11	18	("3848702").URPN.	USPAT	OR	ON	2008/01/03 12:39
S12	23	("1321478" "2021633" "2397124" "2510549" "2598476" "3188054" "3238000" "3630316" "3848702" "4178135" "4553857" "5209650" "5415476" "5593297" "5700092" "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:42
S13	337	184/6.18	US-PGPUB; USPAT	OR	ON	2008/01/03 14:12
S14	277	184/6.28	US-PGPUB; USPAT	OR	ON	2008/01/03 14:27
S15	25	184/7.1	US-PGPUB; USPAT	OR	ON	2008/01/03 14:28
S16	7	"1321478"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:54
S17	2	"2021633"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S18	11	"2397124"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S19	8	"2510549"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:56

S20	4	"2598476"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:57
S21	16	"3188054"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:59
S22	11	"3238000"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:01
S23	4	"3630316"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:02
S24	19	"3848702"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:03
S25	31	"4178135"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:05
S26	4	"4553857"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:06
S27	33	"5209650"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:07
S28	13	"5415476"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:08
S29	6	"5593297"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:09
S30	6	"5700092"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S31	8	"5795140"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S32	677	vertical same shaft same lubrication	US-PGPUB; USPAT	OR	ON	2008/01/03 16:22
S33	874	vertical same shaft same lubrication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:22
S34	10	S33 same (helix or helical) same groove\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:23
S35	3	("5842420").URPN.	USPAT	OR	ON	2008/01/03 16:39
S36	7	("3646756" "3674382" "4236879" "4762477" "4865527" "5088579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 16:39
S37	23	("1321478" "2021633" "2397124" "2510549" "2598476" "3188054" "3238000" "3630316" "3848702" "4178135" "4553857" "5209650" "5415476" "5593297" "5700092" "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:50
S38	609	417/368	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S39	254	S38 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S40	195	S39 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50

S41	939	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S42	0	("16 and compressor and shaft").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S43	321	S41 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:16
S44	771	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:46
S45	506	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S46	381	S45 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S47	55505	reverse adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S48	551430	(refrigerant or hermetic) adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S49	16875	(refrigerant or hermetic) adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55
S50	5	S47 with S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55
S51	70976	(reverse or opposite) adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S52	21	S51 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S53	164	reverse adj groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S54	3225513	reverse adj\$2 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S55	943	S49 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02

S56	0	S49 same S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S57	0	S53 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S58	3882	S54 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:04
S59	1164	S58 and lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:11
S60	823	S59 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S61	649	S60 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S62	45	S61 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:15
S63	8	"4445344"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:39
S64	33	"2225228"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:41
S65	11	"6217287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:54
S66	3	"20040241013"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:59
S67	2	"20050115771"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:06
S68	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:19
S69	42	"4236874"	US-PGPUB; USPAT	OR	ON	2008/06/13 08:43
S70	28	"4248053"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 08:44

S71	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 10:25
S72	949	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/24 17:33
S73	329	S72 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S74	250	S73 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S75	213	92/160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S76	39	S75 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S77	514	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S78	343	S77 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S79	275	S78 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S80	778	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S81	366	S80 and lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S82	17	S81 and ((opposite or reverse) near2 rotat \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:58
S83	7	("4209080" "4406590" "4406594" "4493226" "5247736" "5322419" "5720602").PN. OR ("6684979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:03
S84	11	("3646756" "3674382" "4236879" "4762477" "4865527" "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:07
S85	358	184/6.18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 08:44

S86	527	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 09:34
S87	26	("2738919" "2835437" "2935244" "3545891" "3664461" "3858685" "4086033" "4097185" "4209080" "4406594" "4865527" "4907951" "5088579" "5377781" "5733108" "5785151" "5795140" "5803718" "5884727" "6171090" "6182794").PN. OR ("6484846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:41
S88	24	("1321478" "2021633" "2397124" "2510549" "2598476" "3188054" "3238000" "3630316" "3848702" "4178135" "4553857" "5209650" "5415476" "5593297" "5700092" "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:43
S89	11	("3646756" "3674382" "4236879" "4762477" "4865527" "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 10:33
S90	8	"5842420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:01
S91	12	("3646756" "3674382" "4236879" "4762477" "4865527" "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/17 16:02
S92	218	((YASUSHI) near2 (HAYASHI)).INV.	EPO; JPO; DERWENT	OR	ON	2010/03/17 16:21
S93	23	S92 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:22
S94	7	"5992768"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 20:50
S95	13	"4729569"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 20:51
S96	8	"5842420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 16:42
S97	13	("3068820" "4236877" "4568253" "4901819" "5228843").PN. OR ("5795140").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 16:51
S98	7	("3451615" "3912044" "4478559" "4865527" "5842420").PN. OR ("6702067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:01
S99	9	("3781135" "4236874" "4518323" "4567815" "4856366" "5039285" "5093285" "5842420" "6024548").PN. OR ("6976559").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:07
S100	12	("3646756" "3674382" "4236879" "4762477" "4865527" "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:09

S101	328	(annular or circular) near2 lubricat\$3 near3 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 17:24
S102	112	S101 and oil and (compressor or pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 17:24
S103	7	("3451615" "3912044" "4478559" "4865527" "5842420").PN. OR ("6702067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 18:03
S104	5646	(inner adj rim) and (outer adj rim)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 08:57
S105	108	S104 and lubricat\$3 and (compressor or pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 08:57
S106	732	(184/6.17,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/21 09:08
S107	0	("23andcompressor").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/21 09:08
S108	255	S106 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 09:08
S109	16	("2996240" "3049285").PN. OR ("3692435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/21 09:26
S110	10	"3876120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/01 22:42
S111	8	"4435132"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/01 22:43
S112	11	"2853950"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/01 22:44
S113	7	"6543741"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/01 22:45
S114	2	"6685453"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:04
S115	11	"3034447"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:05
S116	6	"6491010"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:06

S117	2	"20060120896"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:12
S118	10	"3876120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:32
S119	8	"4435132"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:32
S120	11	"2853950"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 08:33
S121	2	"20060104841"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 09:49
S122	7	"6543741"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 10:26
S123	11	"2996240"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/12/02 13:31
S124	4	("2996240").URPN.	USPAT	OR	ON	2010/12/02 14:16
S125	16	("2996240" "3049285").PN. OR ("3692435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/02 14:18

12/ 2/ 2010 4:12:35 PM

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